

Name: _____

In Exercises 1-4, use the number line.

1. Find WX .
2. Find XY .
3. Find WZ .
4. Is $WX \cong YZ$? Explain.

Solve each problem. A sketch may help.

5. F is between E and G . $EG = 14$ and $EF = 9$. Find FG .
6. T is between S and U . $ST = 3x + 2$, $TU = 2x - 1$, and $SU = 26$. Find x and ST .

In Exercises 7-8, use the middle diagram.

7. Find x .
8. Find JK and KL .

In Exercises 9-10, use the bottom diagram.

9. Find AB , CD , and AE .
10. Which two segments are congruent?

